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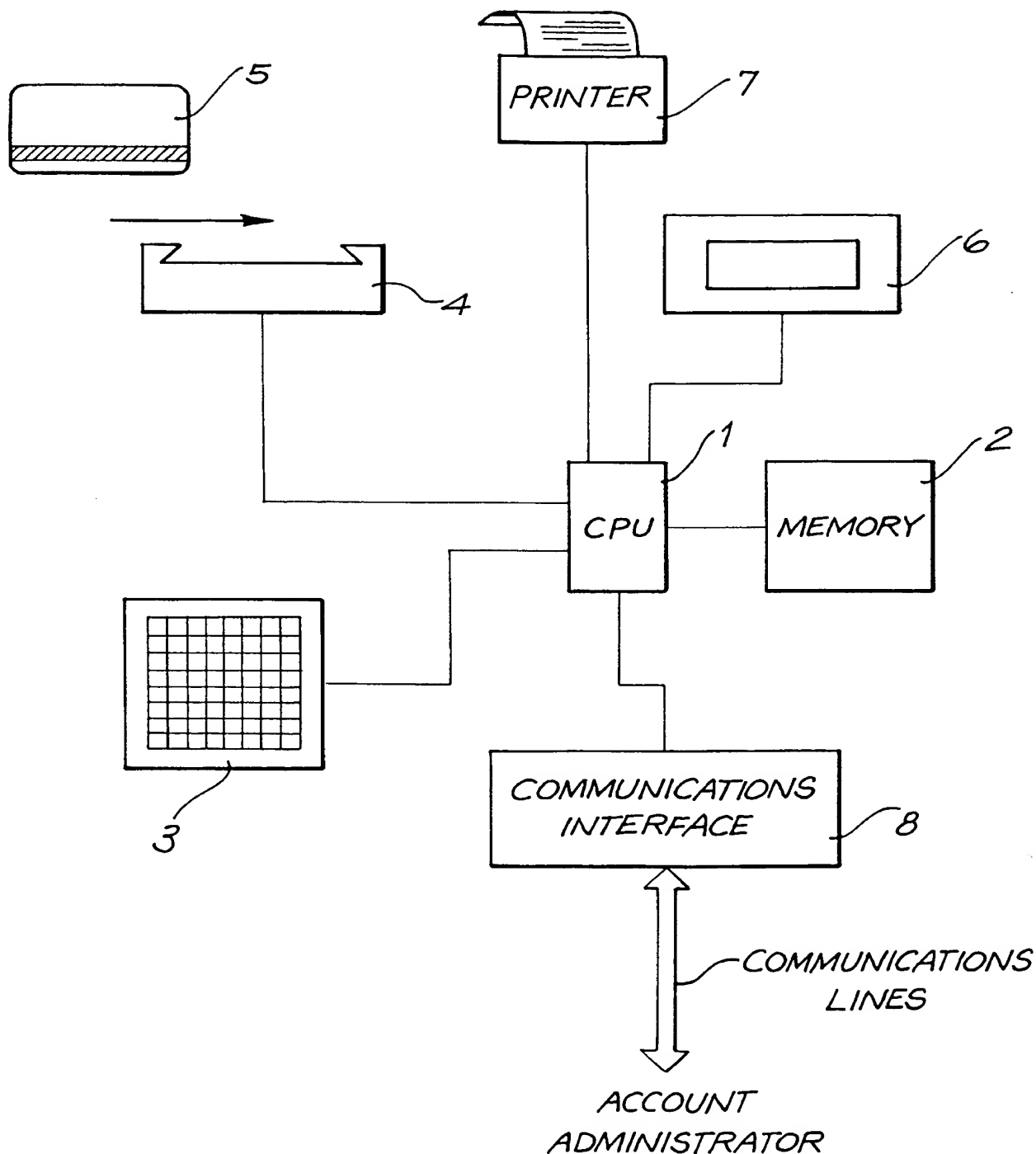


FIG. 1

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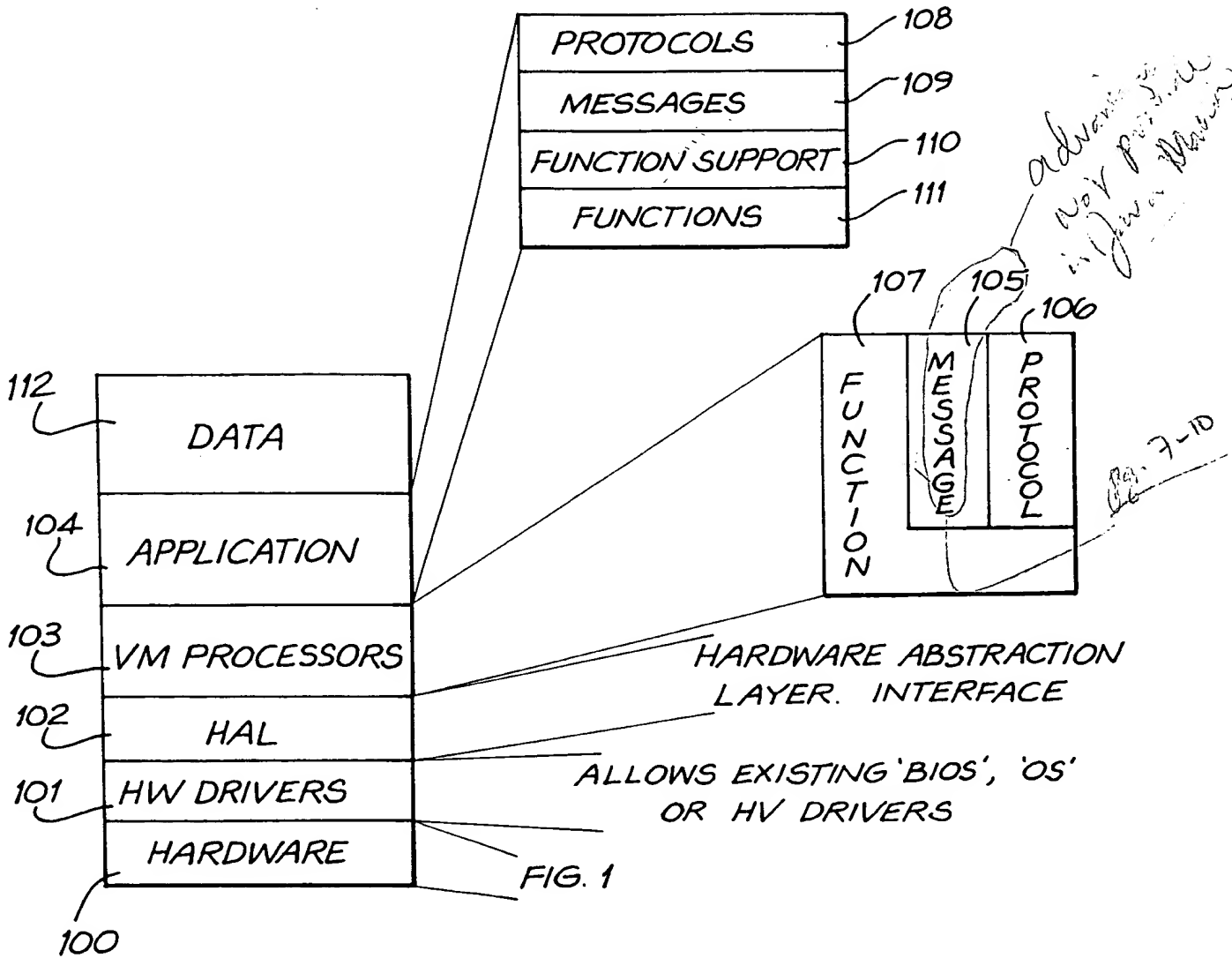


FIG. 2

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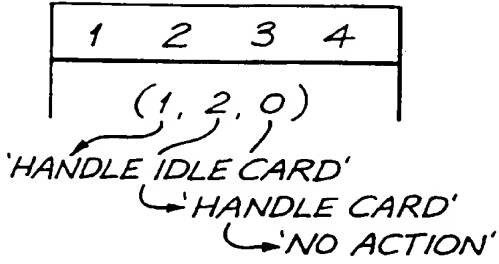
(1) EVENT (EVENT DRIVEN STRUCTURE)
'CARDSWIPE' DETECTED BY
HW DRIVERS

TRACK 1	TRACK 2	TRACK 3
CUSTN.	PAN.	EXPD. END.

(2) CALL BACK TO EVENT TABLE (INHAL)
LOOKS UP SEQUENCE OF COMMANDS
FOR CARDSWIPE EVENT, FROM INDEX

FIG. 3a

(3) FUNCTION PROCESSOR CALLED UP TO
COMMENCE IMPLEMENTATION OF
COMMANDS FOR CARD SWIPE



(4) SAVE INSTRUCTION IMPLEMENTED

FIG. 3b

(5) FUNCTION PROCESSOR CALLS UP
MESSAGE PROCESSOR

"
"
INSTRUCTION
DATA
DATA
INSTRUCTION
"
"

FIG. 3c

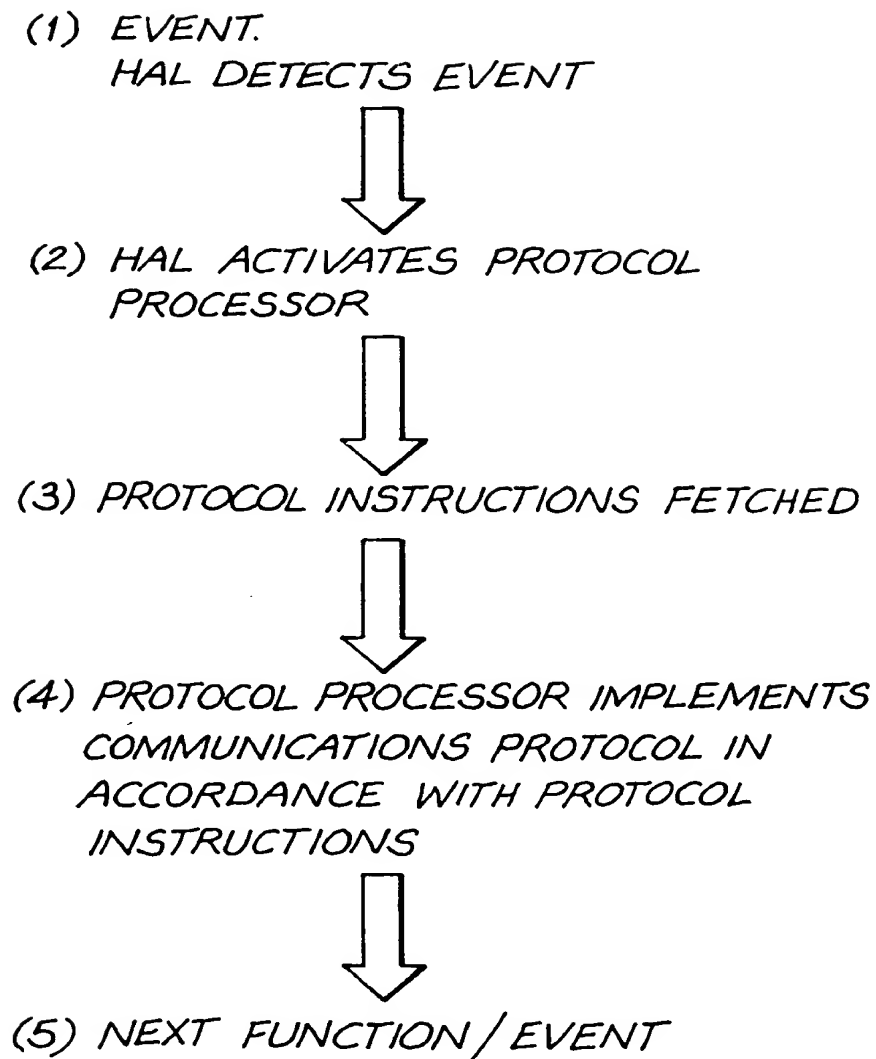
(6) FUNCTION PROCESSOR CALLS UP
MESSAGE INSTRUCTION MEANS
FOR CARD SWIPE EVENT

(7) MESSAGE PROCESSOR PLACES DATA
FROM CARD INTO FIELDS AS DIRECTED
BY MESSAGE INSTRUCTION MEANS

(8) NEXT FUNCTION / EVENT

FIG. 3

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*FIG. 4*

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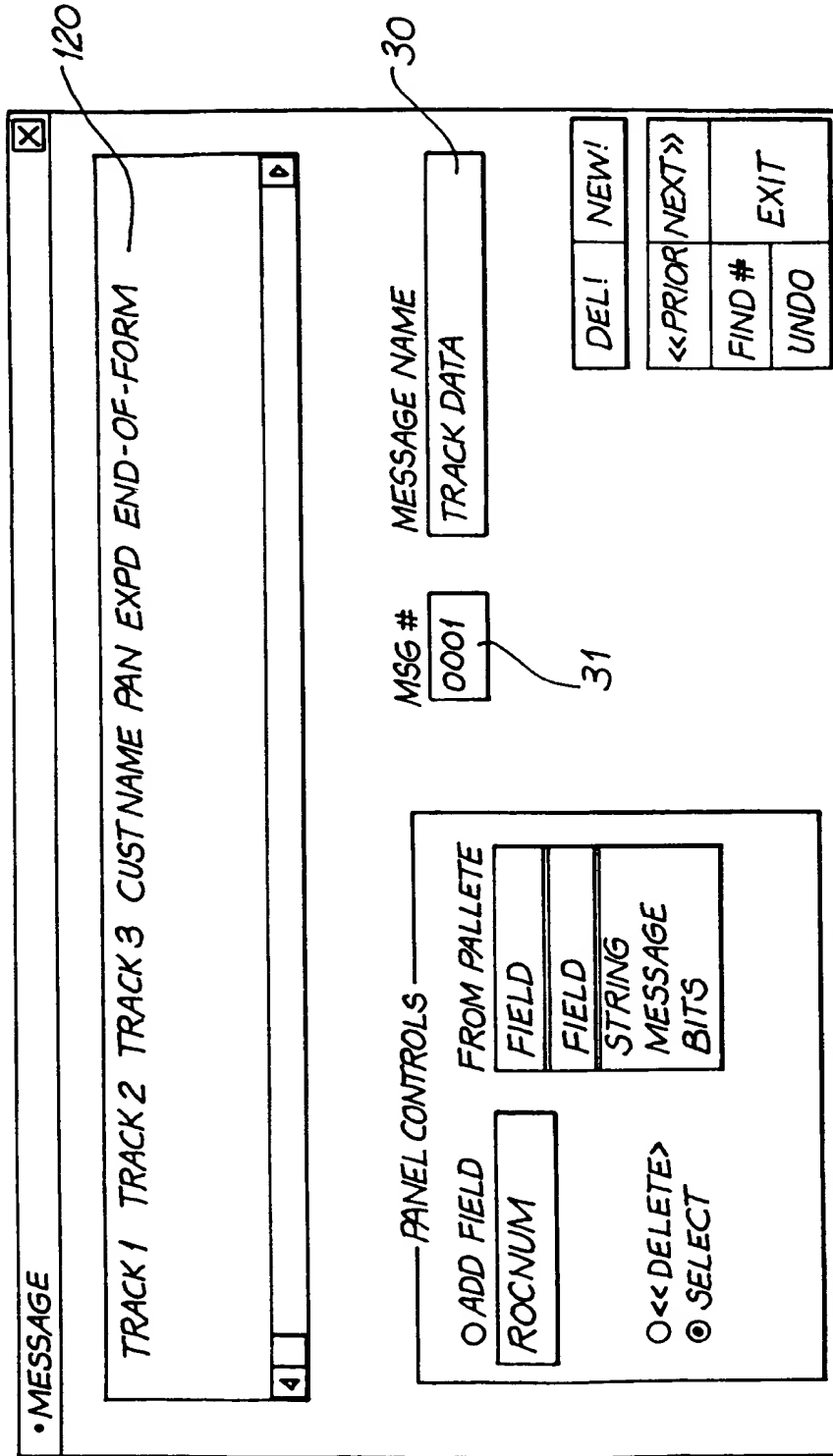


FIG. 5

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34

33

35

38

39

MESSAGE

TRACK 1 TRACK 2 TRACK 3 CUST NAME PAN/EXPD END-OF-FORM

EDIT DATA ELEMENT USAGE

DATA

CUST NAME

DATA SOURCE

FIELD

FIELD

STRING

INCLUDE WHEN

FUNCTION = TRUE

0000

TYPE

ASCII O HEX

O BINARY O BCD

FORMAT

FORMAT WITH PROMPT

O INDEX FROM STRING

O INDEX FROM ERROR

O TAKE SUB STRING

OK

SKIP FIRST DIGIT

00

USE UP TO DIGIT

30

FIG. 6

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MESSAGE

TRACK 1 TRACK 2 TRACK 3 CUST NAME PAN EXPD END-OF-FORM

EDIT DATA ELEMENT USAGE

DATA CUST N

DATA FIELD

DATA FIELD

DATA STRIN

INCLUDE WHEN ☐

FORMAT ☐

FORMAT #

MINIMUM INPUT CHARS

FORMAT NAME

MAXIMUM INPUT CHARS

INPUT WINDOW

CURRENCY

JUSTIFICATION
☐ LEFT ☒ RIGHT

DECIMAL PLACES
☒ NONE ☐ 02 ☐ 03

☒ OR, REQUIRED

ALLOWED CHARS
☒ NUMBERS ☐ ASCII
☐ OCTAL ☐ HEX
☐ DATE ☐ TIME
☐ SUPPRESS LEADING ZEROS

☐ AUTO OK WHEN FULL
☐ THOUSNDS SEPRTR
☐ PASSWORD MODE

INPUT VALIDATION

LENGTH INDICATOR
☒ USE CURRENCY
☐ NONE ☐ 02
☐ 01 ☐ 03

☒ PRE ☐ POST

☐ PAD BCD WITH F

DEL!

NEW!

«PRIOR

NEXT»

FIND #

EXIT

UNDO

FIG. 7

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PROTOCOL (REVERSAL) MSG(0100)

MSG(0110) PROTOCOL (ADJUSTMENTS)

MSG(020) RETRY(000)

TIMEOUT(000) RETRY(005)

END(000)

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PROTOCOL NAME

GENERAL

44

RETRY/SK

RETRY/SK

BITMAP

MESSAGE

TIMEOUT

PROTOCOL

CONTROL

REC #

0002

ADD →

◯ DELETE

◉ SELECT

◯ SET RETRY

◯ SET SKIP

DEL!	NEW!
◀PRIOR	NEXT▶
FIND #	EXIT
UNDO	

FIG. 9

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MSG(0400)

END(000)

MSG(0410)

TIMEOUT(100)

4

45

REC #

0005

PROTOCOL NAME

REVERSAL

DEL!

NEW!

«PRIOR

NEXT»

FIND #

EXIT

UNDO

○ ADD →

○ «DELETE»

○ SELECT

○ SET RETRY

○ SET SKIP

RETRY / SK

RETRY / SK

BITMAP

MESSAGE

TIMEOUT

PROTOCOL

CONTROL

FIG. 10

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

WO 98/41918

09/381143

PCT/AU98/00173

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FIELD | FIELD | FIELD

DATA LOCATION IDENTIFICATION
DATA REPRESENTATION (ASCII, BINARY, ETC)
FORMAT
TEST FUNCTION
LINE & COLUMN
SUBSTITUTION LIST

FIG. 11

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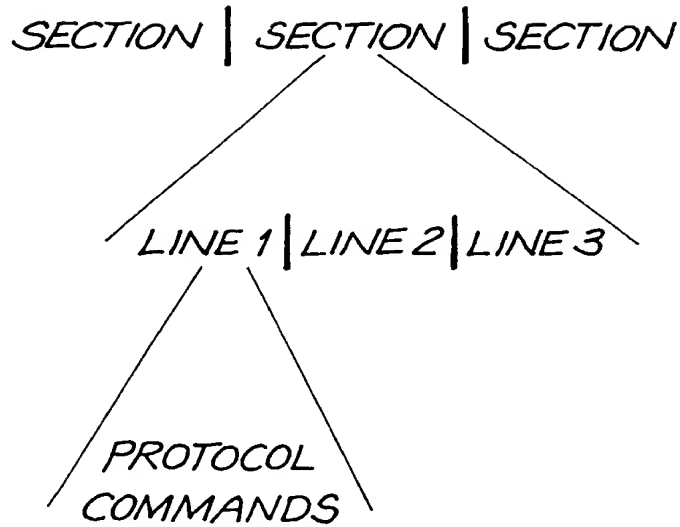


FIG. 12a

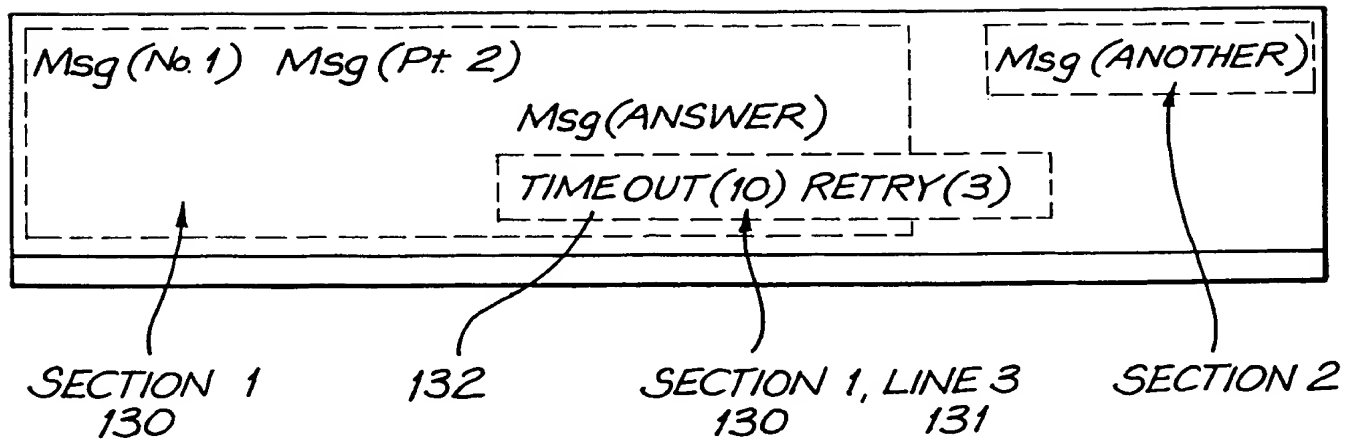


FIG. 12b